

Siemens  
EcoTech



Illuminated twin pushbutton, 22 mm, round, plastic, green: I, red: O, pushbuttons, flat



|  |                                  |
|--|----------------------------------|
| product brand name                                 | SIRIUS ACT                       |
| product designation                                | Twin pushbuttons                 |
| design of the product                              | Actuating/signaling element      |
| product type designation                           | 3SU1                             |
| product line                                       | Plastic, black, 22 mm            |
| <b>Enclosure</b>                                   |                                  |
| number of command points                           | 1                                |
| <b>Actuator</b>                                    |                                  |
| design of the actuating element                    | Flat buttons, illuminated        |
| principle of operation of the actuating element    | momentary contact type           |
| product extension optional                         |                                  |
| • light source                                     | Yes                              |
| • contact module                                   | Yes                              |
| color of the actuating element                     | green / red                      |
| material of the actuating element                  | plastic                          |
| shape of the actuating element                     | oval                             |
| marking of the actuating element                   | "I"/"O"                          |
| <b>Front ring</b>                                  |                                  |
| product component front ring                       | Yes                              |
| design of the front ring                           | Standard                         |
| material of the front ring                         | plastic                          |
| color of the front ring                            | black                            |
| <b>General technical data</b>                      |                                  |
| protection class IP                                | IP66, IP67, IP69(IP69K)          |
| degree of protection NEMA rating                   | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| shock resistance                                   |                                  |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15g / 11 ms |
| • for railway applications according to EN 61373   | Category 1, Class B              |
| vibration resistance                               |                                  |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5g                |
| • for railway applications according to EN 61373   | Category 1, Class B              |
| operating frequency maximum                        | 3 600 1/h                        |
| mechanical service life (operating cycles) typical | 2 000 000                        |
| reference code according to IEC 81346-2            | S                                |
| Substance Prohibitance (Date)                      | 10/01/2014                       |
| Weight   | 22 g                             |
| <b>Ambient conditions</b>                          |                                  |

|  |  |
|--|--|
| <b>ambient temperature</b>   |  |
| <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul> | -25 ... +70 °C<br>-40 ... +80 °C                                   |
| environmental category during operation according to IEC 60721                             | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |

### Environmental footprint

|  |                 |
|--|-----------------|
| Environmental Product Declaration(EPD)                 | Yes             |
| global warming potential [CO2 eq] total                | 0.787 kg        |
| global warming potential [CO2 eq] during manufacturing | 0.566 kg        |
| global warming potential [CO2 eq] during operation     | 0.235 kg        |
| global warming potential [CO2 eq] after end of life    | -0.015 kg       |
| Siemens Eco Profile (SEP)                              | Siemens EcoTech |

### Installation/ mounting/ dimensions

|   |         |
|---|---------|
| height                                      | 57.9 mm |
| width                                       | 29.9 mm |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 14.4 mm |
| installation width                          | 29.9 mm |
| installation depth                          | 25.7 mm |

### Approvals Certificates

|                          |                   |                      |
|--------------------------|-------------------|----------------------|
| General Product Approval | Test Certificates | Maritime application |
|--------------------------|-------------------|----------------------|



[Type Test Certificates/Test Report](#)



|                      |       |             |
|----------------------|-------|-------------|
| Maritime application | other | Environment |
|----------------------|-------|-------------|



[Confirmation](#)



Siemens EcoTech



### Environment

[Environmental Confirmations](#)

### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-3AB42-0AK0>

Cax online generator

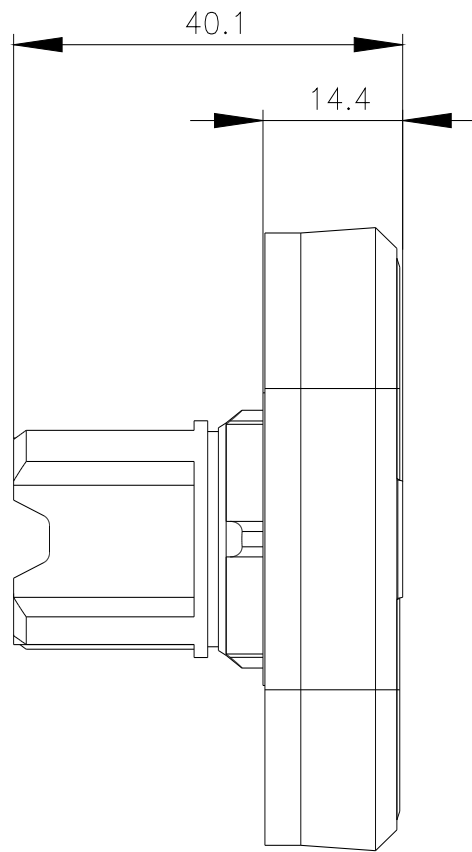
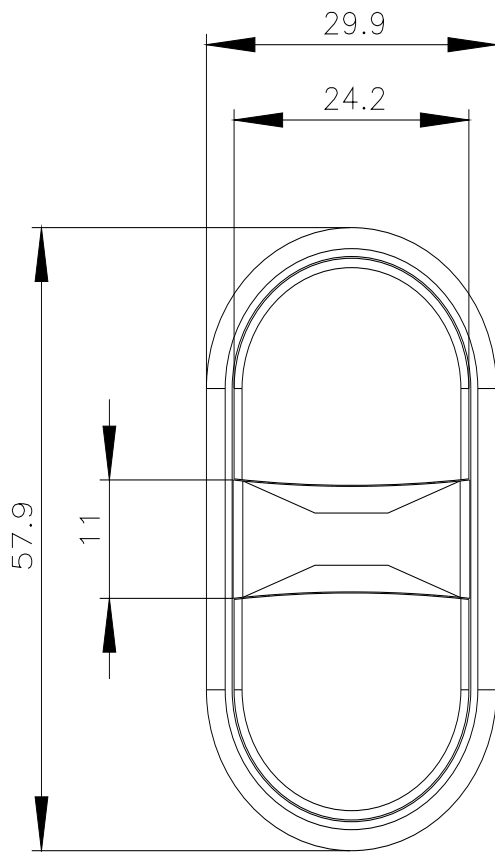
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-3AB42-0AK0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-3AB42-0AK0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1001-3AB42-0AK0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-3AB42-0AK0&lang=en)



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